



THE ASPHALT ACADEMY
in association with

SOUTH AFRICAN ROAD
FEDERATION

will present a three-day course on

DESIGN & CONSTRUCTION OF SURFACE TREATMENTS

PRESENTER
GERRIE VAN ZYL

**Tuesday 15th – Thursday 17th
August 2023**

Windhoek

**Delegates can claim
3 ECSA points**



**SACPCMP/CCP/16/005
15 CPD Hours Allocated**

ABOUT THE COURSE

The course will provide practitioners with an insight into the design and construction of surface treatments for roads. The course covers all aspects of seal selection and design for both conventional and modified binders, using the **new SABITA Manual 40** and provides practical hints on application and construction of surfacing seals.

WHO SHOULD ATTEND

Attendance of the course would be beneficial to practitioners representing road authorities, consulting engineers, contractors and suppliers involved in the design and construction of surfacing seals for roads and is targeted at practitioners operating at NQF level 5 and above.

COURSE PROGRAMME

The course programme will include:

Day 1

- Introduction covering definitions, functions, basic requirements

- Surface treatment types;
- Materials;
- Performance and influencing factors;

Day 2

- Selection of appropriate seal and binder types;
- Seal design principles and processes;
- Physical design of different seal types i.e. graded aggregate seals, single and double seals, Cape seals, slurry seals

Day 3

- An overview of surfacing equipment;
- Construction of different seal types including labour intensive seals e.g. slurry-bound macadam;
- Quality assurance;
- Repair of premature failures;